Patent claims

Modular service device

1. A modular service device (1),
- having a housing (2) having at least one module location (6a-6d);
- having at least one connection module (7a-7d) which can be arranged at the module location (6a-6d) and is provided with a connection means for a line which can be connected thereto;
- having a contact means (16a, 16b) per module location (6a-6d) and an opposing contact means (18) per connection module (7a-7d), it being possible for the contact means (16a, 16b) to make contact with the opposing contact means (18); characterized by
- an insulating means (19) which is arranged on the end and/or longitudinal side on the contact means (16a, 16b) or on the opposing contact means (18), the contact means (16a, 16b) being covered on the end and/or longitudinal side by the insulating means (19).

2. The modular service device as claimed in claim 1, the insulating means (19) being in the form of an insulating bracket.

3. The modular service device as claimed in claim 1 or 2, it being possible for the insulating means (19) to be integrated as a plug-in element in the housing.

4. The modular service device as claimed in one of the preceding claims, it being possible for the insulating means (19) to be arranged parallel or perpendicular to the longitudinal side of the contact means (16a, 16b).

5. The modular service device as claimed in one of the preceding claims,
the housing (2) and the insulating means (19) being in the form of an integral composite.

6. The modular service device as claimed in claim 1, having a design of the contact means (16a, 16b) having a longitudinal side, it being possible for the contact means (16a, 16b) to make contact with the opposing contact means (18) transversely with respect to the longitudinal side.

7. The modular service device as claimed in claim 1, having a spring-loaded retaining means (4) for a bearing means (5) which can be coupled thereto.

8. The modular service device as claimed in claim 1, having a coding means (9a-9d) at at least one module location (6a-6d) and an opposing coding means (10a-10d) ON at least one connection module (7a-7d) for the purpose of providing module location-specific assignment.

9. The modular service device as claimed in claim 1, having a latching means (11) per module location (6a-6d) and an opposing latching means (12) per connection module (7a-7d) for the purpose of providing module location-specific locking and unlocking.

10. The modular service device as claimed in claim 1, having an electrical, electromagnetic or electronic device unit (3).